

|   | Hits | Search Text  | DBs  |
|---|------|--|--|
| 2 | 13   | ((substrate or wafer or device or plate) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5) same (photoresist or resist or polyimide or cur\$4) same solution same (coat\$3 or film or form\$3 or deposit\$4)) and ((substrate or wafer or platen or device) same surface same (prim\$2 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4) same (rotat\$4 or mov\$5 or spin\$4) same (speed or rate or velocit\$4) same (vary\$4 or different or chang\$4)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 3 | 147  | ((substrate or wafer or device or plate) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5) same (photoresist or resist or polyimide or cur\$4) same solution same (coat\$3 or film or form\$3 or deposit\$4)) and ((substrate or wafer or platen or device) same surface same (prim\$2 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4) same (rotat\$4 or mov\$5 or spin\$4)) and ((substrate or wafer) same (rotat\$4 or spin\$4 or mov\$5))            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |

|   | Hits | Search Text  | DBs  |
|---|------|--|--|
| 4 | 22   | ((substrate or wafer or device or plate) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5) same (photoresist or resist or polymide or cur\$4) same solution same (coat\$3 or film or form\$3 or deposit\$4)) and ((substrate or wafer or platen or device) same surface same (prim\$2 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4) same (rotat\$4 or mov\$5 or spin\$4)) and ((substrate or wafer) same (rotat\$4 or spin\$4 or mov\$5)) and ((photoresist or resist) same negative same positive) and ((substrate or wafer or device) same (resist or photoresist) same uniform\$4 same (surface or topograph\$6 or film or layer)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |

|   | Hits | Search Text   | DBs   |
|---|------|---|---|
| 5 | 7    | ((substrate or wafer or device or plate) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5 or discharg\$4) same (photoresist or resist or polymide or cur\$4) same solution same (coat\$3 or film or form\$3 or deposit\$4)) and<br>((substrate or wafer or platen or device) same surface same (prim\$2 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4) same (rotat\$4 or mov\$5 or spin\$4) same (speed or rate) same (var\$5 or rang\$3 or adjust\$4)) and<br>((substrate or wafer) same (rotat\$4 or spin\$4 or mov\$5)) and<br>(contact near16 angle) and<br>(ambient or atmosphere or air or humid\$4 or environment) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB. |

|   | Hits | Search Text   | DBs  |
|---|------|---|--|
| 6 | 7    | ((substrate or wafer or device or plate) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5) same (photoresist or resist or polyimide or cur\$4) same solution same (coat\$3 or film or form\$3 or deposit\$4)) and ((substrate or wafer or platen or device) same surface same (prim\$2 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4) same (rotat\$4 or mov\$5 or spin\$4)) and ((substrate or wafer) same (rotat\$4 or spin\$4 or mov\$5)) and ((resist or photoresist) same (cycl\$4hexanone or (propylene near9 glycol)) same (ketone or methyl\$4ethyl\$4ketone)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 7 | 2    | ((("6174561") or ("5762708"))).PN.  | US-PGPUB;<br>USPAT                                   |

|   | Hits | Search Text  | DBs  |
|---|------|--|--|
| 8 | 85   | ((substrate or wafer or device or plate) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5 or discharg\$4) same (photoresist or resist) same solution same solvent same (coat\$3 or film or form\$3 or deposit\$4) saem (deep or micron or feature)) and ((substrate or wafer or platen or device) same surface same (prim\$2 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4 or discharg\$4) same (rotat\$4 or mov\$5 or spin\$4) same (solvent or solution)) and ((substrate or wafer) same (rotat\$4 or sin\$4 or mov\$5)) and ((resist or photoresist) same (negative or positive)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 9 | 1    | ((substrate or wafer) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5 or discharg\$4) same (photoresist or resist) same (coat\$3 or form\$3 or deposit\$4) same (deep or micron or feature or pattern or via or trench)) and ((substrate or wafer or platen or device) same surface same (prim\$4 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4 or discharg\$4) same (rotat\$4 or mov\$5 or spin\$4) same (solvent or solution)) and ((substrate or wafer) same (rotat\$4 or spin\$4 or mov\$5)) and peroxide\$9sul\$2ric   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |

|    | Hits | Search Text  | DBs  |
|----|------|--|--|
| 10 | 2    | ((substrate or wafer) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5 or discharg\$4) same (photoresist or resist) same (coat\$3 or form\$3 or deposit\$4)) and ((substrate or wafer or platen or device) same surface same (prim\$4 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4 or discharg\$4) same (rotat\$4 or mov\$5 or spin\$4)) and ((substrate or wafer) same (rotat\$4 or spin\$4 or mov\$5)) and peroxide\$9sul\$2ric | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 11 | 4    | ((substrate or wafer or platen or device) same surface same (prim\$4 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4 or discharg\$4) same (rotat\$4 or mov\$5 or spin\$4)) and ((substrate or wafer) same (rotat\$4 or spin\$4 or mov\$5)) and peroxide\$9sul\$2ric  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |

|    | Hits | Search Text  | DBs  |
|----|------|--|--|
| 12 | 103  | ((substrate or wafer or device or plate) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5) same (photoresist or resist or polyimide or cur\$4) same solution same (coat\$3 or film or form\$3 or deposit\$4)) and ((substrate or wafer or platen or device) same surface same (prim\$2 or (treat\$5 near6 solution) or treat\$4 or pre\$3treat\$4) same (nozzle or spray or dispens\$4) same (rotat\$4 or mov\$5 or spin\$4)) and ((substrate or wafer) same (rotat\$4 or sin\$4 or mov\$5)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 13 | 54   | ((substrate or wafer or device or plate) same ((spray\$3 near9 coat\$4) or (nozzle near12 spray\$3) or dispens\$5 or discharg\$4) same (photoresist or resist) same (coat\$3 or film or form\$3 or deposit\$4)) and ((nozzle or spray) near22 (moving or rotat\$4 or spin\$4) same uniform\$3 same (photoresist or resist)) and negative and positive  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 14 | 0    | ((substrate or wafer or platen or device) same clean\$4 same \$4peroxide\$9sul\$2ric same (immers\$4 or dip\$4 or solution) same (time or rate or period) same ((rins\$4 or spray\$4) near16 water near16 (time or period or rate)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |

|    | Hits | Search Text   | DBs  |
|----|------|---|--|
| 15 | 0    | ((substrate or wafer or platen or device) same clean\$4 same \$4peroxide\$9sul\$2ric same (immers\$4 or dip\$4 or solution) same (time or rate or period)) and ((substrate or wafer or device or platen) same ((rins\$4 or spray\$4) near16 water near16 (time or period or rate)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 16 | 8    | ((substrate or wafer or platen or device) same clean\$4 same \$4peroxide\$9sul\$2ric same (immers\$4 or dip\$4 or solution) same (time or rate or period or minutes)) and ((substrate or wafer or device or platen) same ((rins\$4 or spray\$4) near16 water near16 (time or period or rate or minutes)))                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 17 | 8    | ((substrate or wafer or platen or device) same clean\$4 same \$4peroxide\$9sul\$2ric same (immers\$4 or dip\$4 or solution) same (time or rate or period or minutes)) and ((substrate or wafer or device or platen) same ((rins\$4 or spray\$4 or immers\$5 or wash\$6) near16 water near16 (time or period or rate or minutes))) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 18 | 12   | ((substrate or wafer or platen or device) same clean\$4 same \$4peroxide\$9sul\$2ric same (immers\$4 or dip\$4 or solution) same (time or rate or period or minutes)) and ((substrate or wafer or device or platen) same (rins\$4 or spray\$4 or immers\$5 or wash\$6) same water same (time or period or rate or minutes))       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |



|    | Hits | Search Text  | DBs  |
|----|------|--|--|
| 19 | 12   | ((substrate or wafer or platen or device) same clean\$4 same \$4peroxide\$9sul\$2ric same (immers\$4 or dip\$4 or solution) same (time or rate or period or minutes)) and ((rins\$4 or spray\$4 or immers\$5 or wash\$6) same water same (time or period or rate or minutes))                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 20 | 12   | ((substrate or wafer or platen or device) same clean\$4 same \$4peroxide\$9sul\$2ric same (immers\$4 or dip\$4 or solution or wash\$4 or bath) same (time or rate or period or minutes)) and ((rins\$4 or spray\$4 or immers\$5 or wash\$6) same water same (time or period or rate or minutes)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |
| 21 | 16   | ((substrate or wafer or platen or device) same \$4peroxide\$9sul\$2ric same (immers\$4 or dip\$4 or solution or wash\$4 or bath) same (time or rate or period or minutes)) and ((rins\$4 or spray\$4 or immers\$5 or wash\$6) same water same (time or period or rate or minutes))               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB |